

[0209] A board boss **227** is formed at one side of the front frame **220**. The board boss **227** is to engage a second LCD board (to be described).

[0210] A plurality of hinge bosses **230** are formed at a position adjacent to the hinge hole **223'** in order to engage the hinge assembly **300**. A second hinge plate **306** is engaged at the hinge boss **230**.

[0211] A board boss **232** is formed at a lower end of the rear side of the front frame **220** in order to engage the first LCD board **260**. A lever slot **235** is formed penetrating the lower end of the front frame **220**, and a control lever **236** is installed at the lever slot **235**.

[0212] With reference to **FIGS. 4 and 5**, two hook slots **238** are formed at the front side of the front frame **220**. A locking hook **280** is protruded through the hook slot **238**. The hook slot **238** is formed long with a certain length so that the locking hook **280** can be moved for a certain stroke.

[0213] The LCD assembly **240** is mounted on the LCD window **221**. The marginal portion of the LCD assembly **240** is overlapped at the marginal portion of the LCD window **221**, and the side of the LCD assembly **240** is supported by the window fence **222**. The LCD assembly **240** is exposed to the front surface of the display unit **200** and displays an image recorded in the disk.

[0214] As shown in **FIG. 4**, the LCD assembly **240** includes a connection line **242** for connection with the second LCD board **270** and a plurality of hooking slots **244** into which the front end of the hooking hook **222'h** formed between the window fence is inserted are formed surrounding the side thereof.

[0215] Installation of the speaker **250** will now be described with reference to **FIGS. 4 and 18**.

[0216] The speaker **250** is installed at the rear side of the speaker grill **224**. A guide hole **251** is formed at four corners of the speaker **250** and the guide pin **224'** is inserted into the guide hole **251** to set the position of the speaker **250**.

[0217] A sounding box **254** is installed to cover the speaker **250** mounted in the speaker grill **224**. The sounding box **254** covers the speaker **250** so as to prevent a sound generated from the speaker **250** from dispersed backwardly of the speaker **250**. A buffering pad **255** is attached at the upper surface of the sounding box **254**. The buffering pad **255** is to fix the speaker **250** mounted in the speaker grill **224** of the front frame **220** by being tightly contacting with the cover **210** when the speaker **250** is engaged with the cover **210**.

[0218] The buffering pad **255** is preferably made of a material that is able to work as a buffer, and a force depressed by the cover **210** is transferred to the sounding box **254** so that the sounding box **254** is depressed and fixed.

[0219] The first LCD board **260** is mounted at the lower end of the LCD window **221**. The first LCD board **260** is engaged to the board boss **232**. The first LCD board **260** transmits a signal transmitted from the main board **140**, to the LCD assembly **240** and the speaker **250**.

[0220] An engaging hole **261** is formed at a corresponding position at the first LCD board **260**, for engagement with the

board boss **232**. A plurality of support hooking portions **262** inserted into the board slot **222s** of the window fence **222** are formed.

[0221] Accordingly, the first LCD board **260** is fixed as the support hooking portions **262** are inserted into the board slot **222s** and engaged with the board boss **232**. A plurality of connectors **263** are installed at the first LCD board **260**, for a signal transmission.

[0222] A ground plate **265** is mounted between the first LCD board **260** and the front frame **220**. The ground plate **265** is a metal plate with a relatively large area, and a connection piece **267** is formed bent for grounding the LCD assembly **240** so as to be positioned in the connection slot **222'** of the window fence **222**. In order to engage the ground plate **265** at the same time when the LCD board **260** is engaged, an engaging piece **266** is formed at a position corresponding to the board boss **232**.

[0223] The ground plate **265** serves as a ground shields to prevent an electronic wave coming from the first LCD board **260** from being transferred forwardly of the front frame **220**.

[0224] The second LCD board **270** is installed at one side of the LCD window **221**. The second LCD board **270** transmits a signal to the LCD assembly **240** and includes an engaging hole **271** formed for engagement with the engaging boss **227** and a support hooking portion **272** formed at one side thereof to be inserted into the board slot **222s** of the window fence **222**.

[0225] Various elements are mounted directing to the rear face of the support frame **220** at the upper surface of the second LCD board **270**. This is to place a device or a part mounted on the second LCD board **270** between the upper surface of the board **270** and the rear face of the support frame **220**, to thereby reduce the thickness of the display unit **200**.

[0226] With reference to **FIG. 1**, the locking hook **280** is installed protruded to the front side of the front frame **220** through the hook slot **238** of the front frame **220**.

[0227] As shown in **FIGS. 19 and 21**, the locking hook **280** includes a hooking jaw **281** formed at a front end protruded through the hook slot **238**. A hook body portion **280'** of the locking hook **280** is installed inside a hook housing **282** installed at the inner side of the front frame **220**. There is a recess **C** between the hook body portion **280'** and the hook housing **282**, so that when the display unit **200** is pulled down to open the display unit **200**, the front end of the locking hook **280** is rotated in the direction of arrow 'A'. **FIG. 22** illustrates the thusly rotated state.

[0228] The locking hook **280** is supported by the spring **284** inside the hook housing **282**. The spring **284** exerts its elastic force in a direction that the hooking jaw **281** of the locking hook **280** is hooked at the hooking grooves **125** and **125'**.

[0229] An upper inclined face **125t** is formed exposed upwardly of the upper housing **120** at one side of the hooking grooves **125** and **125'** of the upper housing **120**. As shown in **FIG. 21**, the upper inclined face **125t** is inclined downwardly toward the center of the hooking grooves **125** and **125'**.

[0230] A lower inclined face **125b** is formed at the inner side of the upper housing **120** where the upper inclined face